

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7224	"network traffic"	US-PGPUB; USPAT	OR	ON	2003/09/29 14:29
S2	121	"network traffic" with transaction	US-PGPUB; USPAT	OR	ON	2003/09/29 14:29
S3	3	("network traffic" with transaction).ti,ab.	US-PGPUB; USPAT	OR	ON	2003/09/29 14:30
S4	17	("network traffic" with transaction) and fee	US-PGPUB; USPAT	OR	ON	2003/09/29 14:32
S5	66	(705/417).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/09/29 14:34
S6	0	fee with based with internet with website with location	US-PGPUB; USPAT	OR	ON	2003/09/29 14:35
S7	3	fee with based with internet with location	US-PGPUB; USPAT	OR	ON	2003/09/29 14:36
S8	2	"5748889".URPN.	USPAT	OR	ON	2003/09/29 14:35
S9	7696	Internet.ti,ab. and (Internet with cost wit address)	US-PGPUB; USPAT	OR	ON	2003/09/29 14:37
S10	45	Internet.ti,ab. and (Internet with cost with address)	US-PGPUB; USPAT	OR	ON	2003/09/29 14:37
S11	21	Internet.ti,ab. and (Internet with cost with address)	USPAT	OR	ON	2003/09/29 14:50
S12	24	"5905736".URPN.	USPAT	OR	ON	2003/09/29 14:44
S13	1	"6567850".URPN.	USPAT	OR	ON	2003/09/29 14:44
S14	32	("5241594" "5280470" "5442630" "5655077" "5671354" "5684950" "5699521" "5715394" "5745556" "5778182" "5815665" "5835727" "5845070" "5852812" "5857102" "5898780" "5905736" "5944824" "5970477" "5991810" "6011910" "6018619" "6026440" "6047376" "6092196" "6119160" "6141687" "6219790" "6226277" "6263369" "6377955" "6430619").PN.	USPAT	OR	ON	2003/09/29 14:45
S15	38	"5852812".URPN.	USPAT	OR	ON	2003/09/29 14:47

Considered all
 4/7 4/18/05

S16	11	("4766293" "4799156" "4926368" "5311302" "5347632" "5420405" "5442771" "5526035" "5561708" "5570126" "5583563").PN.	USPAT	OR	ON	2003/09/29 14:49
S17	8	bill\$ with pay\$ with (internet or web) with address	USPAT	OR	ON	2003/09/29 14:52
S18	0	bill\$ with (internet or web) with "based upon" with address	USPAT	OR	ON	2003/09/29 14:53
S19	54	(internet or web) with "based upon" with address	USPAT	OR	ON	2003/09/29 15:09
S20	0	"6243750".URPN.	USPAT	OR	ON	2003/09/29 14:56
S21	22	("4752675" "5446862" "5649142" "5793972" "5812776" "5870550" "5884038" "5898833" "5929801" "5933811" "5933827" "5935207" "5943670" "5948061" "5959623" "5960409" "5961603" "5995965" "5999912" "5999929" "6009410" "6016107").PN.	USPAT	OR	ON	2003/09/29 14:56
S22	21	"5960409".URPN.	USPAT	OR	ON	2003/09/29 14:58
S23	0	"6334111".URPN.	USPAT	OR	ON	2003/09/29 14:58
S24	12	("5537314" "5712979" "5717860" "5812769" "5819285" "5884271" "5937390" "5960409" "5991740" "6029141" "6067525" "6154738").PN.	USPAT	OR	ON	2003/09/29 14:59
S25	81	"5717860".URPN.	USPAT	OR	ON	2003/09/29 15:00
S26	2	(internet or web) with charge? with network with traffic	USPAT	OR	ON	2003/09/29 15:11
S27	1	(internet or web) with bill\$ with network with traffic	USPAT	OR	ON	2003/09/29 15:14
S28	72	internet adj1 billing	USPAT	OR	ON	2003/09/29 15:14
S29	16	(US-5905736-\$ or US-6567850-\$ or US-5852812-\$ or US-6324528-\$ or US-6131024-\$ or US-6449765-\$ or US-5960409-\$ or US-6434614-\$ or US-6334111-\$ or US-5717860-\$ or US-6505201-\$ or US-6366298-\$ or US-6029141-\$ or US-5949415-\$ or US-5812776-\$ or US-6584500-\$).did.	USPAT	OR	OFF	2003/09/29 15:26

S30	7	("5243592" "5600637" "5754543" "5805593" "5854899" "6026151" "6175870").PN.	USPAT	OR	ON	2003/09/29 15:18
S31	0	mirror.ti. and ((US-5905736-\$ or US-6567850-\$ or US-5852812-\$ or US-6324528-\$ or US-6131024-\$ or US-6449765-\$ or US-5960409-\$ or US-6434614-\$ or US-6334111-\$ or US-5717860-\$ or US-6505201-\$ or US-6366298-\$ or US-6029141-\$ or US-5949415-\$ or US-5812776-\$ or US-6584500-\$).did.)	USPAT	OR	OFF	2003/09/29 15:21
S32	0	"6334111".URPN.	USPAT	OR	ON	2003/09/29 15:24
S33	12	("5537314" "5712979" "5717860" "5812769" "5819285" "5884271" "5937390" "5960409" "5991740" "6029141" "6067525" "6154738").PN.	USPAT	OR	ON	2003/09/29 15:24
S34	6	"5949415".URPN.	USPAT	OR	ON	2003/09/29 15:25
S35	24	"5905736".URPN.	USPAT	OR	ON	2003/09/29 15:25
S36	3	mirror.ti. and ("network traffic" or ("network traffic" with transaction) or (("network traffic" with transaction).ti,ab.) or ("network traffic" with transaction) and fee) or ((705/417).CCLS.) or (fee with based with internet with website with location) or (fee with based with internet with location) or "5748889".URPN. or (Internet.ti, ab. and (Internet with cost wit address)) or (Internet.ti,ab. and (Internet with cost with address)))	USPAT	OR	OFF	2003/09/29 15:28

S37	0	mirror.ti. and ((Internet.ti,ab. and (Internet with cost with address)) or "5905736".URPN. or "6567850".URPN. or (("5241594" "5280470" "5442630" "5655077" "5671354" "5684950" "5699521" "5715394" "5745556" "5778182" "5815665" "5835727" "5845070" "5852812" "5857102" "5898780" "5905736" "5944824" "5970477" "5991810" "6011910" "6018619" "6026440" "6047376" "6092196" "6119160" "6141687" "6219790" "6226277" "6263369" "6377955" "6430619").PN.) or "5852812".URPN. or (("4766293" "4799156" "4926368" "5311302" "5347632" "5420405" "5442771" "5526035" "5561708" "5570126" "5583563").PN.) or (bill\$ with pay\$ with (internet or web) with address) or (bill\$ with (internet or web) with "based upon" with address) or ((internet or web) with "based upon" with address) or "6243750".URPN.)	USPAT	OR	OFF	2003/09/29 15:30
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S38	0	mirror.ti. and (((("4752675" "5446862" "5649142" "5793972" "5812776" "5870550" "5884038" "5898833" "5929801" "5933811" "5933827" "5935207" "5943670" "5948061" "5959623" "5960409" "5961603" "5995965" "5999912" "5999929" "6009410" "6016107").PN.) or "5960409". URPN. or "6334111".URPN. or (("5537314" "5712979" "5717860" "5812769" "5819285" "5884271" "5937390" "5960409" "5991740" "6029141" "6067525" "6154738").PN.) or "5717860".URPN. or ((internet or web) with charge? with network with traffic) or ((internet or web) with bill\$ with network with traffic))	USPAT	OR	OFF	2003/09/29 15:30
S39	0	mirror.ti. and ((internet adj1 billing) or ((US-5905736-\$ or US-6567850-\$ or US-5852812-\$ or US-6324528-\$ or US-6131024-\$ or US-6449765-\$ or US-5960409-\$ or US-6434614-\$ or US-6334111-\$ or US-5717860-\$ or US-6505201-\$ or US-6366298-\$ or US-6029141-\$ or US-5949415-\$ or US-5812776-\$ or US-6584500-\$).did.) or (("5243592" "5600637" "5754543" "5805593" "5854899" "6026151" "6175870").PN.) or (mirror.ti. and ((US-5905736-\$ or US-6567850-\$ or US-5852812-\$ or US-6324528-\$ or US-6131024-\$ or US-6449765-\$ or US-5960409-\$ or US-6434614-\$ or US-6334111-\$ or US-5717860-\$ or US-6505201-\$ or US-6366298-\$ or US-6029141-\$ or US-5949415-\$ or US-5812776-\$ or US-6584500-\$).did.)) or "6334111".URPN. or (("5537314" "5712979" "5717860" "5812769" "5819285" "5884271" "5937390" "5960409" "5991740" "6029141" "6067525" "6154738").PN.) or "5949415". URPN. or "5905736".URPN.)	USPAT	OR	OFF	2003/09/29 15:28

S40	9	mirror\$.ti. and ("network traffic" or ("network traffic" with transaction) or ("network traffic" with transaction).ti.ab.) or (("network traffic" with transaction) and fee) or ((705/417).CCLS.) or (fee with based with internet with website with location) or (fee with based with internet with location) or "5748889".URPN. or (Internet.ti, ab. and (Internet with cost wit address)) or (Internet.ti,ab. and (Internet with cost with address)))	USPAT	OR	OFF	2003/09/29 15:29
S41	0	mirror\$.ti. and ((Internet.ti,ab. and (Internet with cost with address)) or "5905736".URPN. or "6567850".URPN. or (("5241594" "5280470" "5442630" "5655077" "5671354" "5684950" "5699521" "5715394" "5745556" "5778182" "5815665" "5835727" "5845070" "5852812" "5857102" "5898780" "5905736" "5944824" "5970477" "5991810" "6011910" "6018619" "6026440" "6047376" "6092196" "6119160" "6141687" "6219790" "6226277" "6263369" "6377955" "6430619").PN.) or "5852812".URPN. or (("4766293" "4799156" "4926368" "5311302" "5347632" "5420405" "5442771" "5526035" "5561708" "5570126" "5583563").PN.) or (bill\$ with pay\$ with (internet or web) with address) or (bill\$ with (internet or web) with "based upon" with address) or ((internet or web) with "based upon" with address) or "6243750".URPN.)	USPAT	OR	OFF	2003/09/29 15:30

S42	1	mirror\$.ti. and (((("4752675" "5446862" "5649142" "5793972" "5812776" "5870550" "5884038" "5898833" "5929801" "5933811" "5933827" "5935207" "5943670" "5948061" "5959623" "5960409" "5961603" "5995965" "5999912" "5999929" "6009410" "6016107").PN.) or "5960409". URPN. or "6334111".URPN. or (("5537314" "5712979" "5717860" "5812769" "5819285" "5884271" "5937390" "5960409" "5991740" "6029141" "6067525" "6154738").PN.) or "5717860".URPN. or ((internet or web) with charge? with network with traffic) or ((internet or web) with bill\$ with network with traffic))	USPAT	OR	OFF	2003/09/29 15:30
S43	28	"5935207".URPN.	USPAT	OR	ON	2003/09/29 15:45
S44	0	"6243750".URPN.	USPAT	OR	ON	2003/09/29 15:48
S45	22	("4752675" "5446862" "5649142" "5793972" "5812776" "5870550" "5884038" "5898833" "5929801" "5933811" "5933827" "5935207" "5943670" "5948061" "5959623" "5960409" "5961603" "5995965" "5999912" "5999929" "6009410" "6016107").PN.	USPAT	OR	ON	2003/09/29 15:49
S46	21	"5960409".URPN.	USPAT	OR	ON	2003/09/29 15:52
S47	26	(US-6324528-\$ or US-6519596-\$ or US-6449765-\$ or US-6330715-\$ or US-6243750-\$ or US-6009410-\$ or US-5999929-\$ or US-5995965-\$ or US-5999912-\$ or US-5960409-\$ or US-5935207-\$ or US-6434614-\$ or US-6334111-\$ or US-6317761-\$ or US-5812769-\$ or US-5717860-\$ or US-5537314-\$ or US-6366298-\$ or US-5949415-\$ or US-6584500-\$ or US-6446119-\$ or US-6122663-\$ or US-6606643-\$ or US-6581090-\$ or US-6490602-\$ or US-6466966-\$).did.	USPAT	OR	OFF	2003/12/15 09:27

S48	0	"6519596".URPN.	USPAT	OR	ON	2003/12/15 09:45
S49	0	"6334111".URPN.	USPAT	OR	ON	2003/12/15 09:53
S50	21	"5960409".URPN.	USPAT	OR	ON	2003/12/15 09:55
S51	84	"5717860".URPN.	USPAT	OR	ON	2003/12/15 09:58
S52	2	"6081835".URPN.	USPAT	OR	ON	2003/12/15 10:06
S53	5	("5530852" "5572643" "5678041" "5712979" "5717860").PN.	USPAT	OR	ON	2003/12/15 10:06
S54	12	"5983199".URPN.	USPAT	OR	ON	2003/12/15 10:09
S55	17	(US-6519596-\$ or US-6243750-\$ or US-5948061-\$ or US-5960409-\$ or US-5935207-\$ or US-6334111-\$ or US-6029141-\$ or US-5717860-\$ or US-5537314-\$ or US-6505201-\$ or US-6366298-\$ or US-6081835-\$ or US-6016504-\$ or US-5983199-\$ or US-6584500-\$ or US-6446119-\$ or US-6223215-\$).did.	USPAT	OR	OFF	2003/12/15 10:15
S56	20	(internet near2 traffic).ti,ab.	USPAT	OR	OFF	2003/12/15 10:13
S57	3	((("6584500") or ("6606657") or ("5905736"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/24 19:36
S58	7	((("6584500") or ("6606657") or ("5905736") or ("5668988") or ("6349289") or ("5602905") or ("6112240"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/24 19:36
S59	1	("5590197").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/24 19:38
S60	18	("6519596" "5717860" "6584504").PN. or ("5960409" "5905736" "6584500" "6606657" "6334111" "6349289" "6243750" "6112240" "6029141" "6016504" "5948061" "5935207" "5668988" "5602905" "5590197").PN.	US-PGPUB; USPAT	OR	ON	2005/03/13 16:47
S61	0	S60 and barter	US-PGPUB; USPAT	OR	ON	2005/03/13 16:48
S62	354	barter and network	US-PGPUB; USPAT	OR	ON	2005/03/13 16:48
S63	102	barter and network and traffic	US-PGPUB; USPAT	OR	ON	2005/03/13 16:48
S64	95	barter and network and traffic and internet	US-PGPUB; USPAT	OR	ON	2005/03/13 16:49
S65	84	barter and network and traffic and internet and account	US-PGPUB; USPAT	OR	ON	2005/03/13 16:49

S66	41	barter and network and traffic and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:49
S67	40	barter and network and traffic and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	OFF	2005/03/13 16:49
S68	41	barter and network and traffic and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:52
S69	41	S68 and barter	US-PGPUB; USPAT	OR	ON	2005/03/13 16:50
S70	0	(barter with network with traffic) and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:57
S71	3	(barter with network) and traffic and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:57
S72	0	(barter\$ with network with traffic) and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:57
S73	5	(barter\$ with network) and traffic and internet and account and @ad<"20010418"	US-PGPUB; USPAT	OR	ON	2005/03/13 16:57
S74	0	("6473401").URPN.	USPAT	OR	ON	2005/03/13 16:59
S75	14	("20020041600" "4706081" "5355453" "5392400" "5408465" "5604867" "5655140" "5708659" "5719854" "5748901" "5935205" "6240461" "6253234" "6389468").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/13 16:59
S76	0	("20020041600" "4706081" "5355453" "5392400" "5408465" "5604867" "5655140" "5708659" "5719854" "5748901" "5935205" "6240461" "6253234" "6389468").PN. and barter	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/13 16:59

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☐ RUSH - SPE signature required: _____

Business Methods Case: 705/ 26, Cross 705/27,30 Log Number: _____

Write in 705 subclass(es) to search required files for 705 cases or cases cross referenced in 705.

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Requester's Full Name: Andrew Fischer Examiner #: 75586 Date: March 13, 2005

Art Unit: 3627 Phone Number: 305-0292 Serial Number: 09/837,719

Bldg & Room #: PK5 7B-09 Results Format Preferred: PAPER ☒ DISK ☐ E-MAIL ☐

If more than one search is submitted, please prioritize searches in order of need.

Provide the PALM Bib page or the following: (Total Pages including this sheet: 9)

Title of Invention: _____ Bib Data Sheet Attached _____

Inventors (provide full names) : _____

Earliest Priority Filing Date: 4/18/2001 – preferably before 4/18/2000

Requested attachments:

- If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc, if known.
Please attach copies of the parts of this case that help explain or are most pertinent to this search.

Abstract, Background of the Invention, Summary of the Invention and claim 1 is included.

The claimed or apparent novelty of the invention is:

A web based system that sets up an account. The system also has a tracks traffic volume. The computer system redirects web traffic to a particular web site.

A barter transaction occurs between the user selling: a right to use the network in exchange for

This search should focus on:

(Also include keywords or synonyms)

A barter system that trades network access for redirection of network traffic.

*Considered
all 4/18/05
JY*

If you have any questions or need help with keywords, please feel free to contact me.

.....
Special Instructions or Other Comments

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S1	171965	(WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR NETWORK?

		OR INTERNET) (3N) TRAFFIC
S2	1416	S1 (5N) (REDIRECT? OR REROUTE? ? OR REROUTING? OR RE() ROUT? -
		OR FORWARD)
S3	37	S2 (5N) (TRACK? OR MONITOR? OR ASSESS? OR WATCH)
S4	122285	(DEBIT? OR CHARGE? OR PAYMENT?) (5N) (ACCOUNT OR ACCOUNTS)
S5	24	S3 NOT PY>2000
S6	17	RD (unique items)
S7	0	S2 (5N) S4
S8	2	S2 AND S4
S9	1	RD (unique items)
S10	6	S2 (5N) (DEBIT? OR CHARGE? OR PAYMENT?)
S11	4	RD (unique items)
S12	0	S1 (5N) IDEAFLOOD?
S13	1	S1 AND IDEAFLOOD?
S14	2080	S1 (5N) (TRAFFIC() (GENERAT? OR MANAGER?))
?		

Considered OK 4/18/05

6/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

05751074 E.I. No: EIP01015471298

Title: Inter-urban traffic management systems
Author: Anon
Source: Highways and Transportation v 47 n 12 Dec 2000. 4 pp
Publication Year: 2000
CODEN: HITRED ISSN: 0265-6868
Language: English

Abstract: out and to inform him on the road about the traffic conditions. The new system **monitors the traffic network** and in case required **re - routes** traffic, integrates highways with local roads. The final result obtained with this new system are...

6/3,K/2 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

1981465 Supplier Number: 01981465 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CompuServe Intros ISDN Network Backup Service In Europe
(CompuServe Network Services (CNS) has unveiled its dedicated ISDN
(integrated services digital network) backup service in Europe)
Newsbytes News Network, p N/A
November 03, 1997
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 313

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...new service is based on Controlware Communications' Taxi ISDN backup technology. According to CNS, Taxi **monitors network** performance and **redirects traffic** if a fault is detected in the frame relay line. According to Carver, Taxi is...

6/3,K/3 (Item 1 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2005 The Gale Group. All rts. reserv.

1184210 Supplier Number: 02635381 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SS7 makes the switch
(Veteran technologies with a modern variation are key protocols in the world of Internet-based telecommunications)
Article Author(s): Cable, Reg
Communications News, v 37, n 10, p 32-36
October 2000
DOCUMENT TYPE: Journal ISSN: 0010-3632 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1210

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...high degree of reliability, provided that network operators handle

congestion appropriately. Internet telephony carriers carefully **monitor** the **networks** for congestion, **rerouting** traffic over alternate pathways when congestion occurs. Some Internet telephony carriers guarantee quality at least equivalent...

6/3,K/4 (Item 2 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2005 The Gale Group. All rts. reserv.

1107760 Supplier Number: 01795212 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Developing a Reliable Medical Informatics Network
(Healthcare organizations are encouraged to keep up with technology trends by investing in upgradable equipment, minimize potential downtime and have sufficient support staff)
Article Author(s): Kovach, David
Healthcare Financial Management, p 48,49
January 1999
DOCUMENT TYPE: Journal ISSN: 0735-0732 (United States)
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1148

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...The network manager oversees the daily operation of the informatics network. The responsibilities of the **network** manager include **monitoring** **traffic** flow, temporarily **rerouting** segments when congestion or malfunction threatens performance, reallocating resources or reconfiguring the network in response...

6/3,K/5 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02005407 52025832
Nortel grabs CoreTek for \$1.43B
April, Carolyn A
InfoWorld v22n13 PP: 24 Mar 27, 2000
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 204

...TEXT: devices will let networks change light wavelengths in real time as they travel through the **network** so that **traffic** can be **monitored** and **rerouted** , according to the companies. The result is improved speed and performance as well as lower...

6/3,K/6 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01681610 03-32600
Learning from hackers
Kearns, Dave
Network World v15n32 PP: 18 Aug 10, 1998
ISSN: 0887-7661 JRNL CODE: NWW
WORD COUNT: 494

...TEXT: machine on any port using any HTTP client; and a packet sniffer that allows easy monitoring of network traffic .

BackOrifice also allows connection redirection , in which connections are bounced off one machine to any other machine on the Internet...

6/3,K/7 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

08103604 Supplier Number: 67533181 (USE FORMAT 7 FOR FULLTEXT)
Defying Denial of Service Attacks -- Hackers are smart and ready to attack, so arming your PCs and servers with protection systems is worth your while. (Internet/Web/Online Service Information)
Betts, William
Network Magazine, p52
Dec 1, 2000
Language: English Record Type: Fulltext Abstract
Document Type: Magazine/Journal; Trade
Word Count: 3166

... support SNMP because it is active by default. An SNMP attack can result in the network being mapped, and traffic can be monitored and redirected .

The best defense against this attack is upgrading to SNMP3, which encrypts passwords and messages...

6/3,K/8 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

07147921 Supplier Number: 60805783 (USE FORMAT 7 FOR FULLTEXT)
ACQUISITION: Nortel grabs CoreTek for \$1.43B. (Company Business and Marketing)
April, Carolyn A.
InfoWorld, v22, n13, p24
March 27, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 206

... devices will let networks change light wavelengths in real time as they travel through the network so that traffic can be monitored and rerouted , according to the companies. The result is improved speed and performance as well as lower...

6/3,K/9 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06412588 Supplier Number: 54884741 (USE FORMAT 7 FOR FULLTEXT)
Message Inspector investigates e-mail. (Elron Softwares Message Inspector 2.0 network security software) (Software Review) (Evaluation)
Lori Mitchell,
InfoWorld, v21, n24, p50
June 14, 1999
Language: English Record Type: Fulltext Abstract

Article Type: Evaluation
Document Type: Magazine/Journal; Trade
Word Count: 1028

... infoworld.com.
THE BOTTOM LINE: FAIR
Message Inspector, Version 2.0
Summary: Message Inspector effectively **monitors network traffic**
, tracking , blocking, and redirecting inappropriate FTP site,
newsgroup, and e-mail data.
Business Case: Companies can ease the security...

6/3,K/10 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05887391 Supplier Number: 53078369 (USE FORMAT 7 FOR FULLTEXT)
NetCore Systems Introduces The Everest TREK: First Dynamic Traffic
Engineering Solution For IP Service Providers.
PR Newswire, p0084
Oct 13, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1137

... distribution of traffic and reduce the performance impact of
congested network "hot spots." Operators manually **monitor network status**
and use manual **network** reconfiguration to **redirect** traffic . This is a
basic form of traffic engineering that is breaking down as IP networks...

6/3,K/11 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05615041 Supplier Number: 48496123 (USE FORMAT 7 FOR FULLTEXT)
NEXTLINK California Brings Advanced Dial-Tone Technology to the Bay Area
PR Newswire, p0525SFW024
May 25, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 456

... include numerous high-capacity fibers and self-healing SONET
(Synchronous Optical Network) transmission equipment, which **monitors**
network traffic , and automatically **re - routes** calls in the case of a
severed trunk, eliminating any service interruption for customers.
NEXTLINK...

6/3,K/12 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

02728081 Supplier Number: 43649330 (USE FORMAT 7 FOR FULLTEXT)
Maxm Boosts Automation Ware
CommunicationsWeek, p45
Feb 15, 1993
Language: English Record Type: Fulltext

Document Type: Newsletter; Trade
Word Count: 304

... server, the company said.

With the new Maxm, users can automate such tasks as resource **monitoring**, fault detail collection, **network** performance reporting and **traffic rerouting**, Maxm Systems, Vienna, Va., said.

Maxm interfaces with a variety of elements via a library...

6/3,K/13 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01865097 Supplier Number: 42365102 (USE FORMAT 7 FOR FULLTEXT)

Bytex Expands Switch Line

Electronic News (1991), p14

Sept 16, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 146

... senior product manager Jerry Miller acknowledged that total sales of matrix switches, used mainly for **monitoring** large corporate **networks** and **redirecting traffic** in the event of failures, are "flat at best."

6/3,K/14 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01359852 Supplier Number: 41610674 (USE FORMAT 7 FOR FULLTEXT)

MCI Offers INMS

CommunicationsWeek, p6

Oct 15, 1990

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 405

... management, configuration management, operations management, and performance and planning management.

Trouble management will let users **monitor** the MCI **network** and **reroute** their **traffic** on the MCI **network** to access voice and data services. Configuration management will let users configure or reconfigure their...

6/3,K/15 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01139063 Supplier Number: 41289905 (USE FORMAT 7 FOR FULLTEXT)

SONET, broadband stole the Supercomm show

MIS Week, p5

April 23, 1990

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 601

... the SONET "overhead," and offer users the messaging capability that

enables users to control bandwidth, monitor the network and reroute traffic .

... have Three will address the "mid-span meet" specifications that will allow users to interconnect...

6/3,K/16 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

05279420 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CrossKeys shares hammered on fourth-quarter loss warning: Echoes Newbridge:
Taking longer to close the sale on standalone products
JILL VARDY
FINANCIAL POST, p04
May 12, 1999
JOURNAL CODE: FFP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 521

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... cents) and \$11.1-million in sales.

CrossKeys makes software that helps telecommunications companies closely monitor the performance of their networks , and reroute traffic if those networks fail.

It faces a tough transition to selling its software products as standalone solutions rather...

6/3,K/17 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

03084152 SUPPLIER NUMBER: 06542865 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Bridge hardware extends Ethernet 3-km span sixfold. (BICC Data Networks
Inc.'s ISOLAN Primary Bridge) (Connectivity Section) (product
announcement)
Garretson, Rob
PC Week, v5, n15, pC11(1)
April 12, 1988
DOCUMENT TYPE: product announcement ISSN: 0740-1604 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 320 LINE COUNT: 00026

... LAN without significantly slowing network performance, he said.

Like many intelligent bridges the ISOLAN bridge monitors all network traffic and forward only the data, or packets, addressed to nodes on the other side. This reduces extraneous...

?

9/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

08012461 Supplier Number: 66163033 (USE FORMAT 7 FOR FULLTEXT)
Excite@Home Integrates imall.com and stuff.com Into Excite Stores.
PR Newswire, p3222
April 24, 2000
Language: English. Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 580

... Business Services group. Excite Stores, the company's online merchant directory, immediately benefits from the **redirected** Internet **traffic** and e-commerce transactions from imall.com and stuff.com.

(Photo: <http://www.newscom.com>...

...wizard driven, template-based store builder, shopping cart and cash register, an Internet ready merchant **account**, **payment** gateway, and web traffic leveraging Excite.com, ExciteShopping and Excite Stores.

About Excite@Home
Excite...

?



date

11/3,K/1 (Item 1 from file: 13)

DIALOG(R)File 13:BAMP

(c) 2005 The Gale Group. All rts. reserv.

1109941 Supplier Number: 01816259 (USE FORMAT 7 OR 9 FOR FULLTEXT)

RFP: Heading For Disaster?

(Deciding which systems are important enough to include in your continuity plan is just one of 5 areas that need to be addressed in a disaster-recovery plan)

Network Computing, v 10, n 1, p 39-56

January 11, 1999

DOCUMENT TYPE: Journal ISSN: 1046-4468 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3823

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...interactive voice response) system, and dial-backup solutions will be provided for communications recovery with **payment** providers and trading partners. **Internet traffic** is **redirected** via UUNet and MCI using BGP4.

For DCH's midcritical systems, Comdisco recommends a hybrid...

11/3,K/2 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

10643280 Supplier Number: 106132236 (USE FORMAT 7 FOR FULLTEXT)

MCI Responds To New Accusations; Chairman and CEO Michael Capellas says MCI is cooperating with federal prosecutors' investigation of claims that it has rerouted U.S. network traffic through Canada to avoid access charges .(Brief Article)

InternetWeek, pNA

July 31, 2003

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 332

...Michael Capellas says MCI is cooperating with federal prosecutors' investigation of claims that it has rerouted U.S. network traffic through Canada to avoid access charges .(Brief Article)

... is cooperating fully with federal prosecutors' investigation of claims that it has been avoiding access charges by rerouting U.S. network traffic through Canada.

Under the "Canadian Gateway Project," the name for the alleged practice given by...

11/3,K/3 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

10620947 Supplier Number: 105958141 (USE FORMAT 7 FOR FULLTEXT)

MCI Faces New Fraud Allegations; MCI faces new allegations that it rerouted network traffic through Canada to avoid charges that were instead borne by AT&T and Verizon.

InternetWeek, pNA
July 28, 2003
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 511

MCI Faces New Fraud Allegations; MCI faces new allegations that it rerouted network traffic through Canada to avoid charges that were instead borne by AT&T and Verizon.

Set to emerge from bankruptcy this fall, MCI faces new allegations that it rerouted network traffic through Canada to avoid calling charges .

Currently being investigated by federal prosecutors, the allegations surfaced over the weekend, starting with a...

11/3,K/4 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06071549 Supplier Number: 53548170 (USE FORMAT 7 FOR FULLTEXT)
RPF: Heading For Disaster?(hypothetical disaster recovery scenarios) (Company Operations)

Walsh, Brian
Network Computing, p39(1)
Jan 11, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3012

... interactive voice response) system, and dial-backup solutions will be provided for communications recovery with payment providers and trading partners: Internet traffic is redirected via UUNet and MCI using BGP4.

For DCH's midcritical systems, Comdisco recommends a hybrid...
?

13/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

27488685 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Ideaflood , Inc. to Sell Core Internet Patent
PR NEWSWIRE (US)
February 10, 2003
JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 575

(USE FORMAT 7 OR 9 FOR FULLTEXT)
Ideaflood , Inc. to Sell Core Internet Patent

STATELINE, Nev., Feb. 10 /PRNewswire/ -- **Ideaflood , Inc.**, an intellectual property holding corporation, today announced plans to begin looking for a buyer for its Patent No. U.S. 6,389,458, covering exit **traffic** on the **Internet**. The patent has been described as one of the most widely infringed patents ever issued...

...an estimated \$1.85 billion in combined revenues in 2002 by using methods covered by **Ideaflood** 's exit traffic patent.
... of core Internet-based applications. Some of these include: -- Advertising Applications -- Hundreds of thousands of **web sites** sell exit **traffic** to sponsors or trade visitors with other sites via exit exchanges. -- Security Applications -- Hundreds of...

...are licensed for about 2% of each licensee's gross revenues. In this new paradigm **Ideaflood** 's patent, covering such a widely infringed core Internet technology, stands to generate substantial licensing...

... sold to a major public company in 1999). Mr. Shuster has assigned the patent to **Ideaflood , Inc.**

Additional information regarding the '458 Patent, **Ideaflood , Inc.**, the sale of this patent, and articles regarding Internet licensing regimes, is available on <http://www.ideaflood.com/>.

For further information, please contact Steve English for **Ideaflood , Inc.**, yanc@ideaflood.com

CONTACT: Steve English for **Ideaflood , Inc.**, yanc@ideaflood.com

Web site: <http://www.itworld.com/Man/2687/030122sbcpatent>

Web site: <http://www.acaciaresearch.com/main.html>

Web site: <http://www.ideaflood.com/>

File 256:TecInfoSource 82-2005/Feb
(c) 2005 Info.Sources Inc
File 2:INSPEC 1969-2005/Mar W1
(c) 2005 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2005/Feb
(c) 2005 ProQuest Info&Learning
File 65:Inside Conferences 1993-2005/Mar W2
(c) 2005 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Feb
(c) 2005 The HW Wilson Co.
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 474:New York Times Abs 1969-2005/Mar 17
(c) 2005 The New York Times
File 475:Wall Street Journal Abs 1973-2005/Mar 17
(c) 2005 The New York Times

Set	Items	Description
S1	30086	(WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR NETWORK? OR INTERNET) (5N) (VISITOR? OR TRAFFIC OR SURFER OR SURFERS OR - CLIENT?)
S2	35	S1(5N)REDIRECT?
S3	216	S1(5N) (TRAFFIC() (GENERAT? OR MANAGER?))
S4	922	S1(5N) (TRACK? OR MONITOR? OR ASSESS? OR WATCH)
S5	244	S1(5N) (BARTER? OR EXCHANG? OR TRADE OR TRADES OR TRADING)
S6	5684	(DEBIT? OR CHARGE? OR PAYMENT?) (5N) (ACCOUNT OR ACCOUNTS)
S7	0	IDEAFLOOD?
S8	26	AU=(SHUSTER, G? OR SHUSTER G?)
S9	1	(S2 OR S3 OR S4 OR S5) AND S6
S10	1394	S2 OR S3 OR S4 OR S5
S11	1030	S10 NOT PY>2000
S12	1029	S11 NOT S9
S13	909	RD (unique items)
S14	890	S13 NOT (STAMPING OR HOSPIT? OR BALANCE?)
S15	28	S14 AND ACCOUNT? ?
S16	0	S8 AND S10

Considered 027 4/18/05

9/5/1 (Item 1 from file: 256)
DIALOG(R) File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

00136303 DOCUMENT TYPE: Review

PRODUCT NAMES: Fport (088021); FileListPro (088048)

TITLE: Cybersleuthing Solves the Case: Computer forensic investigators...
AUTHOR: Radcliff, Deborah
SOURCE: Computerworld, v36 n3 p36(2) Jan 14, 2002
ISSN: 0010-4841
HOMEPAGE: <http://www.computerworld.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

TCPDump, Foundstone's Fport, and New Technologies' FileListPro are central to described scenarios that exemplify the use of digital forensic investigations. Computer forensic investigators use multiple methods and tools to trap and prosecute cybercriminals. A cross-section of various types of cyber-investigations and the tools used in them are covered, and three scenarios are presented. They are Internet and database investigations that stymied two busy Russian carders (credit card thieves); system and network examination at the University of Washington that helped jettison a cracker from 30 of its systems; and forensic examinations of many machines that assisted a business in retrieving its intellectual property and stopped the thief from using it again. Digital forensics provides clues that can show how someone broke in; which systems were affected; how the problems can be fixed; and how repetition of the same problems can be prevented. The carders were caught when the names 'Hudsen' and 'Stivenson' showed up too many times in **accounts** held by online **payment** processor PayPal, while the crackers were ousted after investigators used TCPDump to capture unusual **traffic** moving to and from **Internet** Relay Chat (IRC) **redirectors**. The intellectual assets thief's illegal activities were halted when signs of file copying to removable media were found in his office computer, while FileListPro showed that engineering drawings had been copied to a home computer after the engineer left the firm.

COMPANY NAME: Foundstone Inc (699764); New Technologies Inc (700711)
SPECIAL FEATURE: Charts
DESCRIPTORS: Forensics; Fraud Protection; Police Departments
REVISION DATE: 20030930

15/5/1 (Item 1 from file: 256)
DIALOG(R)File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

00144771 DOCUMENT TYPE: Review

PRODUCT NAMES: FTP (838748); Computer Security (830071)

TITLE: FTP Server Offers Key to the Store
AUTHOR: Thurman, Mathias
SOURCE: Computerworld, v37 n6 p34(1) Feb 10, 2003
ISSN: 0010-4841
HOMEPAGE: <http://www.computerworld.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

A security manager discusses a situation in his company that allowed careless practices to leave key user IDs and passwords available for public downloading. Part of his diagnosis involved logging into a File Transfer Protocol (FTP) server as an anonymous user, where he found that several directories had been created and filled with 4GB of unauthorized MP3 files. He also found that a file called Commands had **account** names and associated passwords for support Web sites used by the company and for access to internal company servers. Special **accounts** that provide access to technical support Web sites require user IDs and passwords for accessibility. The FTP server cannot be eliminated, so the security manager will add instructions for configuring the anonymous FTP server to already-published secure baseline procedures. In another event, malicious activity occurred against a server in the certification lab; several key directories had been deleted. However, the engineer who reported the intrusion exacerbated the problem by waiting a month to report the incident and has also accessed files and written to various log files on the system. These actions made it difficult to determine which activity was allowed and which was hacking. A secure baseline will be used to make sure that all systems, including those in labs, are secured. The security manager will also temporarily configure an intrusion detection system sensor to **watch traffic** on the lab **network** segment.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: Computer Security; File Transfer; Internet Security
REVISION DATE: 20030530

15/5/2 (Item 2 from file: 256)
DIALOG(R)File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

00136207 DOCUMENT TYPE: Review

PRODUCT NAMES: Keynote (678015); Hawk (082961); Sun Java System (048712); ActiveWatch (799653)

TITLE: Know Your Web Sites Inside Out: IT managers use outsourced...
AUTHOR: Liebmann, Lenny
SOURCE: InternetWeek, v890 p33(2) Jan 7, 2002
ISSN: 0746-8121
HOMEPAGE: <http://www.internetwk.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Keynote Systems' Keynote, GetThere's/Sabre's GetThere, TIBCO Software's Hawk, Sun Microsystems' Sun ONE, and Mercury Interactive's ActiveWatch are among available outsourced monitoring services and internal diagnostic tools that allow teams to monitor Web site performance and quickly diagnose and fix problems. For instance, America West Airlines uses its Web site to sell tickets, provide current flight information, and allow customers to check frequent flier accounts. KeyNote, a site monitoring service, tracks performance from the vantage point of the end user and is useful for real-time alerting and historical trending of site performance. However, such services as Keynote also respond to Internet problems over which America West staff have no control, so America West also uses diagnostic software from Tonic that operates behind the firewall. The Standard & Poor's division of The McGraw-Hill Companies uses tools that monitor sites from the customer's viewpoint, including HP OpenView and Tibco's Hawk, to track IT infrastructure performance. However, also required is Topaz, which monitors S&P's Web site from inside a company firewall. S&P uses the Sun ONE platform for a genuine Web service platform under development and wraps the new services in a Simple Object Access Protocol (SOAP) layer. Output is based on XML, which allows monitoring of each Web service performance. ActiveWatch is a service for out-side-the firewall monitoring through about 500 points on the Internet.

COMPANY NAME: Keynote Systems Inc (624012); TIBCO Software Inc (620777);
Sun Microsystems Inc (385557); Mercury Interactive Corp (523747)
DESCRIPTORS: Computer Diagnostics; E-Commerce; **Internet Traffic**
Analysis; **Network** Administration; **Network** Software; Outsourcing;
Performance **Monitors** ; Sun Java System; System Monitoring; System
Performance; Webmasters
REVISION DATE: 20040330

15/5/3 (Item 3 from file: 256)
DIALOG(R) File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

00126058 DOCUMENT TYPE: Review

PRODUCT NAMES: WebSideStory (018236)

TITLE: Box It Up: Web site statistics made simple
AUTHOR: Brodsky, Charles L
SOURCE: InternetWeek, v830 p74(1) Sep 25, 2000
ISSN: 0746-8121
HOMEPAGE: <http://www.internetwk.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

WebSideStory's HitBox Enterprise, a Web site analysis service, gets excellent marks overall. The solution can monitor pages by tagging each with a JavaScript block that does not change how the page displays but allows HitBox to track hits and other user information. Code is compatible with frames, Secure Sockets Layer (SSL), and static and dynamic content. This method has some important advantages over log-file analysis. For instance, users need not invest IT resources, and they also get statistics in real time. No server clusters or consolidating logs are required, and

users can filter out search robots and track hits from cached pages. Because caching proxy servers are increasingly used, this is a compelling feature. HitBox Enterprise is easy to use and allows users to track visitors, system settings, including screen resolution, browser version, and cookie acceptance. Users who want to be able to view statistics at any time can view the information from a wireless Palm VII or a Web-ready phone. Testers could see statistics on what attracted users to their site, including the most popular keywords and how many visitors used it per day, week, month, or year. To make information manageable for particular needs, users can establish multiple login **accounts**. A reporting feature was used to consolidate different types of data and e-mail it in an Adobe Acrobat report.

PRICE: \$1295

COMPANY NAME: WebSideStory Inc (662402)

SPECIAL FEATURE: Charts Screen Layouts Graphs

DESCRIPTORS: E-Commerce; **Internet Traffic** Analysis; Market Research;
Network Administration; **Network** Software; System **Monitoring** ;
System Performance; Webmasters

REVISION DATE: 20020630

15/5/4 (Item 4 from file: 256)

DIALOG(R) File 256:TecInfoSource

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00124563 DOCUMENT TYPE: Review

PRODUCT NAMES: Surveyor 3.1 (665941)

TITLE: Shomiti audits network

AUTHOR: Sturdevant, Cameron

SOURCE: eWeek, v17 n28 p77(2) Jul 10, 2000

ISSN: 1530-6283

HOME PAGE: <http://www.eweek.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: B

Shomiti Systems' Surveyor 3.1, a protocol analysis package, gets very good marks overall, supports Windows 2000, and operates with an optional Multi-QoS plug-in that can decode Cisco Systems' SSP (Skinny Station Protocol). Surveyor 3.1's enhanced filtering tool sorts packet data either before capture or after capture. During testing with the plug-in, Surveyor provided broad-based call and channel summarization tables and should be considered by IT managers assuming responsibility for support of Cisco IP phones and call management equipment. IT managers would be well advised to consider the total package, including Surveyor, Multi-QoS, and one or more Shomiti Explorer devices. Surveyor 3.1 speeds task required to reveal overall bandwidth capacity usage and provides particularized **accounts** of specific network interactions, including IP phone setup. In the short run, Surveyor 3.1 is easy to install and set up and should quickly offer a view of Voice-Over-IP (VoIP) traffic, which older protocol analyzers probably cannot see. In the long run, systematized use of Surveyor will be valuable for troubleshooting and as a measurement for normal traffic on the network. However, e-mail alarms operate only with Exchange, and full H.323 analysis requires use of Shomiti's hardware.

PRICE: \$1495

COMPANY NAME: Finisar Corp (567272)
SPECIAL FEATURE: Graphs Charts
DESCRIPTORS: Computer Telephony; Internet Traffic Analysis; Network
Administration; Network Management; Network Software; Performance
Monitors ; VoIP; Webmasters; Windows NT/2000
REVISION DATE: 20020630

15/5/5 (Item 5 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00121550 DOCUMENT TYPE: Review

PRODUCT NAMES: WatchPoint 2.0.1 (766208)

TITLE: WatchPoint helps track your Web services
AUTHOR: Currier, Bob
SOURCE: Network World, v16 n52 p42(1) Dec 13, 1999
ISSN: 0887-7661
HOMEPAGE: <http://www.nwfusion.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: D

AG Group' WatchPoint 2.0.1, a real-time Internet traffic analysis program, gets excellent marks for documentation and very good marks for installation, functionality, administration, and performance. However, WatchPoint 2.0.1 cannot be recommended because it lacks notification abilities, has time-out errors, and offers unsatisfactory account management tools. WatchPoint 2.0.1 monitors HyperText Transfer Protocol (HTTP) and FTP traffic bidirectionally for network servers. Two applications are provided: Monitor, a data collection engine that resides on a Windows NT workstation on the same network segment with the systems to be monitored, and Java-written Console, which can be installed anywhere on the Internet to communicate with Monitor through a TCP/IP connection. Console is an interface to information gathered by Monitor and provides tools for system configuration and management and for report analysis. During testing, user-account features worked well to allow testers to block access and restrict rights. However, the omission of a group feature made larger group management inefficient. Users can generate HTML reports with detailed information on transactions, content, and quality of service, but lack of automated screen refresh (stateful processing) was a drawback. Some display settings were not saved as testers moved between screens. The network connection between Console and Monitor also proved to be unstable. Users are advised to wait for the next release, when the problems should be resolved.

PRICE: \$3000

COMPANY NAME: WildPackets Inc (489549)
SPECIAL FEATURE: Charts Tables
DESCRIPTORS: IBM PC & Compatibles; Internet Traffic Analysis; Internet
Utilities; Intranets; Network Administration; Network Management;
Network Software; QoS (Quality of Service); System Monitoring; System
Performance; Webmasters; Windows NT/2000
REVISION DATE: 20020630

15/5/6 (Item 6 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00119280 DOCUMENT TYPE: Review

PRODUCT NAMES: Incentra 1.0 (775452); MailCheck E-Mail Management System
4.2 (507504)

TITLE: Keep Tabs On Your Mail Server
AUTHOR: Zeichick, Alan
SOURCE: InternetWeek, v783 p50(3) Oct 4, 1999
ISSN: 0746-8121
HOMEPAGE: <http://www.internetwk.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

Tally Systems' MailCheck 4.2 is a standalone tool that monitors the end-to-end availability of mail systems, while Tally's Incentra 1.0 publishes reports from MailCheck, ModemCheck, and IP.Check. ModemCheck and IP.Check respectively monitor end-to-end availability of remote access modem pools and IP networks linked to the Internet. MailCheck can test e-mail performance and availability of local and remote mail systems, but testers found that it requires a dedicated mail server on the LAN, in addition to other e-mail clients on its host PC. MailCheck uses a dedicated e-mail account on a local mail server to communicate with mail systems to be monitored. The need for a local mail server results in a more complicated monitoring process for external mail systems, and could complicate tasks required of an IT administrator to monitor an outsourced e-mail solution. MailCheck's target market is the local e-mail server user. After setup with a host mail server, the process of defining mail systems to be monitored is straightforward. Tally's separately priced Alert component monitors MailCheck's tests and can send pages, Simple Network Management Protocol (SNMP) alerts, or e-mail notifications if a monitored mail server stops responding. Incentra provides a Web-enabled interface to MailCheck, ModemCheck, and IP.Check data files, so that they can be monitored away from their native consoles.

COMPANY NAME: Tally Systems Corp (502499)
SPECIAL FEATURE: Screen Layouts Charts
DESCRIPTORS: E-Mail Utilities; Internet Traffic Analysis; Internet Utilities; LANs; Network Administration; Network Software; System Monitoring ; Telephone Monitoring; Webmasters
REVISION DATE: 20020630

15/5/7 (Item 7 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00119244 DOCUMENT TYPE: Review

PRODUCT NAMES: Melia 2.0 SQL Server (772496)

TITLE: Exchange Reports in Plain English
AUTHOR: Zeichick, Alan
SOURCE: InternetWeek, v782 p30(2) Sep 27, 1999

ISSN: 0746-8121
HOMEPAGE: <http://www.internetwk.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

MicroData Group's Melia (Microsoft Exchange Log Import Agent) 2.0, an economically priced, intuitive mail log manager, compiles and presents predefined reports that answer often-asked questions. With Melia, mail administrators can use logs to control Exchange servers and their e-mail traffic. The 32-bit Windows-based Melia can be installed on the same machine with Exchange or on another 32-bit Windows system. All Melia needs to function is the name and password of a valid **account** that is set up on the server, along with read-only access to Exchange Server's log files. Testers installed Melia on the testbed's Exchange 5.5 server, a Dell PowerEdge 2300 with dual 400MHz Pentium II processors and 256MB RAM running Windows NT 4 Server with Service Pack 4. Melia's agent parses the Exchange Server logs according to a user-set schedule, and stores summary data in its own database. Users have to re-enable Exchange logs that Melia requires. Melia ships in two versions: Standard, which stores data in Microsoft Access files and provides an Access 97 run-time engine; and the more costly SQL version, which uses SQL Server 6.5 or 7.0. Testers used the SQL version with SQL Server 7.0. Melia's core feature provides reports from a workstation application, which includes 42 predefined reports that answer such questions as 'Which Internet domains sent us the most mail?' Surprisingly, Melia does not track or report on the contents of e-mail coming into the server.

PRICE: \$695

COMPANY NAME: MicroData Group Inc (668699)
SPECIAL FEATURE: Charts Screen Layouts
DESCRIPTORS: E-Mail Utilities; **Exchange** ; IBM PC & Compatibles; **Internet Traffic Analysis**; **Network Administration**; **Network Software**; **Report Generators**; **SQL Server**; **System Monitoring**; **Webmasters**; **Windows**
REVISION DATE: 20020630

15/5/8 (Item 8 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00117344 DOCUMENT TYPE: Review

PRODUCT NAMES: ATG Commerce Server (026522)

TITLE: **Sound and Vision: Personalization technology hits the right note...**
AUTHOR: Sherman, Lee
SOURCE: Knowledge Management, v2 n5 p24(2) May 1999
HOMEPAGE: <http://www.kmmag.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Dynamo Relationship Commerce Server from Art Technology Group (ATG) is used extensively by a direct mail music marketing group to create customized Web interfaces for every person visiting the group's Web site. Dynamo collects personal information given by club member **visitors** to the World Wide Web **site**, then **tracks** the success or failure of various site-related

promotions on each member before creating customized content based on the user's preferences and personal information. The ability to securely purchase music and view entire **account** histories from the group's World Wide Web site is all made possible by the Dynamo server's great cataloging features. Unlike most other Web commerce sites, BMG's site rarely works with credit card payments and instead prefers the old-fashioned 'bill me later' approach to buying music. Using HTML to separate music content from site functionality, Dynamo's Java framework can be customized for every member.

COMPANY NAME: Art Technology Group Inc (ATG) (593281)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Advertising; Entertainment Industry; Internet Marketing;
Music; Personalization; Software Agents
REVISION DATE: 20030430

15/5/99 (Item 9 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00117046 DOCUMENT TYPE: Review

PRODUCT NAMES: Acotec Remote Access Manager (647195); RasTracker (756415); Cisco Access Manager (756423); PolarRAS (756431); Remote Traffic Agent (756458)

TITLE: Remote-Access Tools
AUTHOR: Loyola, Roman
SOURCE: Windows NT Systems, v3 n5 pS11(3) May 1999
ISSN: 1091-0212

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

There are a wide number of software tools for systems administrators needing to manage the expanding use of remote access technology, including Acotec's Acotec Remote Access Manager, RasTracker from Argent, Cisco Access Manager from Cisco Systems, PolarRAS from Left Coast Systems, and Remote Traffic Agent from Intellimax. Remote Access Manager is designed to add more resource management layers to Microsoft Windows NT's Remote Access Service by providing managers with ways to manage **account** blockage, timed sessions, and IP assignments. RasTracker comes with a built-in server to monitor connections, can carry out user-defined requests while logging network activity, and features a client component management interface. Cisco Access is well suited for monitoring and managing high-volume ISDN and modem access, and PolarRAS is a tracking usage application for online service providers that provides custom tools for managing byte accounting, duplicate logon protection, and user activity logs. Remote **Traffic Agent** remotely **monitors network traffic** and can be used to communicate over TCP/UDP IP connections with the company's other remote access applications.

COMPANY NAME: Acotec (626309); Argent Software Inc (536407); Cisco Systems Inc (465828); Left Coast Systems Corp (664014); Sunrise Telecom Inc (664022)
SPECIAL FEATURE: Charts
DESCRIPTORS: IBM PC & Compatibles; Internetworking; Network Administration ; Network Management; Network Software; Remote Network Access; System Monitoring; Telecommunications; Windows NT/2000

REVISION DATE: 20020630

15/5/10 (Item 10 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00113865 DOCUMENT TYPE: Review

PRODUCT NAMES: Ravlin 4 (677531)

TITLE: Roll Your Own VPN: The Virtual Private Network is finally....
AUTHOR: Tadjer, Rivka
SOURCE: Small Business Computing, v4 n1 p84(2) Jan 1999
ISSN: 1529-5117
HOMEPAGE: <http://www.smalloffice.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

A virtual private network (VPN) totally secures all online communication through the Internet, including e-mail and Web site traffic. It encrypts actual files and e-mails being sent back and forth and also all communication that travels over ISDN or T1 lines. The standard way to get a virtual private network (VPN) is through a long distance carrier. Every location that wants to be part of the VPN must have its Internet access **account** with the same long distance carrier. However, small businesses can use a black box that plugs into a phone system and a **network** server, and works together with **client** software to **monitor** all the remote users on a network. Many VPN products, such as those from CheckPoint Software and Shiva, are expensive and elaborate. RedCreek sells Ravlin 4, a simple, less expensive VPN-in-a-box for small businesses that is fast and easy to set up.

COMPANY NAME: SonicWALL Inc (509485)
DESCRIPTORS: Computer Security; E-Mail Utilities; Encryption; Firewalls;
Internet Security; Internet Utilities; Internetworking; Intranets;
Network Administration; Network Software; Small Business; System
Monitoring
REVISION DATE: 20020630

15/5/11 (Item 1 from file: 2)
DIALOG(R) File 2:INSPEC
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5391156 INSPEC Abstract Number: B9611-6150J-007
Title: Multiple time scales and subexponentiality in MPEG video streams
Author(s): Jelenkovic, P.R.; Lazar, A.A.; Semret, N.
Author Affiliation: Center for Telecommun. Res., Columbia Univ., New York, NY, USA
Conference Title: Broadband Communications. Global Infrastructure for the Information Age. Proceedings of the International IFIP-IEEE Conference on Broadband Communications p.64-75
Editor(s): Mason, L.; Casaca, A.
Publisher: Chapman & Hall, London, UK
Publication Date: 1996 Country of Publication: UK xiv+629 pp.
ISBN: 0 412 75970 5 Material Identity Number: XX96-00388
Conference Title: Broadband Communications '96
Conference Sponsor: IFIP; IEEE

Conference Date: April 1996 Conference Location: Montreal, Que., Canada

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T); Experimental (X)

Abstract: We develop a practical, multiple time scale model for MPEG video traffic whose accuracy and relatively low computational complexity make it well suited for real-time **traffic generation** experiments on broadband **networks**. The major feature of our approach is the decomposition of the frame size sequence into simple slow and fast time scale components. This accurately captures aspects of queueing behavior that are difficult to model otherwise. The model also exploits the existence of deterministic patterns that are due to the MPEG coding scheme. We also present a novel modeling approach based on spatial renewal processes (SRP). This model gives exact matches to any desired marginal distribution and any convex non-increasing autocorrelation function. In particular, it can match subexponentially decaying autocorrelations (i.e., can capture long range dependence), something no other model of comparable complexity can do. A SRP is suited for on-line model construction, since it involves no search in parameter spaces, and matches aggregated streams as easily as single streams. The SRP approach yields an analytically tractable queueing behavior, and thus provides a basis for admission control policies that take the dependence structure of video streams into **account**. The models are validated by queueing simulations. (17 Refs)

Subfile: B

Descriptors: broadband networks; computational complexity; queueing theory; telecommunication congestion control; telecommunication traffic; visual communication

Identifiers: multiple time scales; subexponentiality; MPEG video streams; MPEG video traffic; computational complexity; broadband networks; frame size sequence; queueing behavior; MPEG coding scheme; spatial renewal processes; marginal distribution; convex non-increasing autocorrelation function; subexponentially decaying autocorrelations; admission control policies

Class Codes: B6150J (Queueing systems); B6210 (Telecommunication applications); B0240C (Queueing theory)

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15/5/12 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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5231474 INSPEC Abstract Number: B9605-6210L-125, C9605-5620L-048

Title: Control and traffic organisation in segmented local area networks

Author(s): Grzech, A.

Author Affiliation: Inst. of Control & Syst. Eng., Tech. Univ. Wroclaw, Poland

Conference Title: Proceedings of IEEE Singapore International Conference on Networks/International Conference on Information Engineering 1995.

Theme: Electrotechnology 2000: Communications and Networks (Cat. No.95TH8061) p.131-5

Editor(s): Poo, G.S.; Seumahu, E.S.

Publisher: IEEE, New York, NY, USA

Publication Date: 1995 Country of Publication: USA xx+674 pp.

ISBN: 0 7803 2579 6 Material Identity Number: XX95-02379

U.S. Copyright Clearance Center Code: 0 7803 2579 6/95/\$4.00

Conference Title: Proceedings of IEEE Singapore International Conference on Networks and International Conference on Information Engineering '95

Conference Date: 3-7 July 1995 Conference Location: Singapore

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: To satisfy requirements in traffic control caused by trends observed in contemporary local area networks, their communication subsystems should be designed based on careful analysis of users requirements and available solutions. First of all the analysis should take into account the characteristics of **traffic generated by networks** users and supported within the network by various communication techniques. The aim of the paper is to present a model of a segmented communication subsystem of a local area network and an analysis of traffic in such an integrated subsystem. Similar tools are applied to meet and satisfy various users requirements and to improve the quality of communication services delivered by both local and wide area networks within integrated corporate solutions. (14 Refs)

Subfile: B C

Descriptors: LAN interconnection; telecommunication control; telecommunication traffic; wide area networks

Identifiers: traffic organisation; segmented local area networks; traffic control; communication subsystems; design; integrated subsystem; wide area networks

Class Codes: B6210L (Computer communications); B6150P (Communication network design and planning); C5620L (Local area networks); C5620W (Other computer networks)

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15/5/13 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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4681053 INSPEC Abstract Number: B9407-6210L-056, C9407-5620L-023

Title: **Analysis of dynamic bandwidth control for LAN interconnection through ATM networks**

Author(s): Ohba, Y.; Murata, M.; Miyahara, H.

Author Affiliation: Kansai Res. Lab., Toshiba Corp., Kobe, Japan

Journal: IEICE Transactions on Communications vol.E77-B, no.3 p.

367-77

Publication Date: March 1994 Country of Publication: Japan

CODEN: ITCMEZ ISSN: 0916-8516

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: Studies a dynamic bandwidth control for effective use of **network** resources in transmitting highly bursty **traffic generated** by, e.g., interconnected LAN systems. First, a new LAN traffic model is proposed in which correlation of not only packet interarrival times but also packet lengths are considered. An analytic model for a LAN-ATM gateway is next introduced. It employs dynamic bandwidth control using the proposed LAN traffic model and some performance measures are derived by it. The analytic model takes into account the probability that a bandwidth increase request may be rejected. Finally, some numerical examples are provided using the analysis method and performance comparisons between the dynamic and fixed bandwidth controls are made. As a result, it is quantitatively indicated that (i) if the equivalent bandwidth is used on average, the dynamic bandwidth control keeps packet and cell loss rates one to two orders lower than the fixed bandwidth control, (ii) when the more strict quality of service in terms of loss rate is requested, the dynamic bandwidth control can become more effective. (12 Refs)

Subfile: B C

Descriptors: asynchronous transfer mode; LAN interconnection; packet switching; telecommunication traffic; telecommunications control

Identifiers: dynamic bandwidth control; LAN interconnection; ATM networks; network resources; highly bursty traffic; interconnected LAN systems; traffic model; packet interarrival times; packet lengths; LAN-ATM gateway;

performance; packet loss; cell loss; quality of service
Class Codes: B6210L (Computer communications); B6150C (Switching theory);
C5620L (Local area networks); C5670 (Network performance)

15/5/14 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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01640180 INSPEC Abstract Number: B81012480

Title: Capacity allocation and reservation in common-user satellite communications systems with a reconfigurable multiple-beam antenna and a nonlinear repeater

Author(s): Alper, A.T.; Arnbak, J.C.

Author Affiliation: Communications Div., SHAPE Tech. Centre, The Hague, Netherlands

Journal: IEEE Transactions on Communications vol.COM28, no.9, pt.1
p.1681-92

Publication Date: Sept. 1980 Country of Publication: USA

CODEN: IECMBT ISSN: 0090-6778

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Theoretical (T)

Abstract: The use of a flexible transmit multiple-beam antenna (MBA) connected to a nonlinear satellite repeater is investigated as a means of adaptive resource allocation in a common-user communications network comprising different types and deployments of earth terminals. Such a general-purpose network is typically encountered in hybrid systems architectures supporting international command and control functions. A priori strategies for the adjustment of MBA gains and carrier powers are determined such that the performance of an FDMA or CDMA network is optimized (in terms of the chosen strategy), taking account of realistic uplink, repeater, and downlink noise contributions. Simple formulas are derived for evaluation and comparison of different repeater and antenna designs in the various possible operational scenarios; these formulas obviate the need for detailed a priori allocation of all link parameters in the assessment of network traffic capacity and fading margins. Numerical studies of three hypothetical network scenarios are included to illustrate the increased significance of nonlinear effects (such as intermodulation noise) in any satellite system in which a flexible transmit MBA can enhance the performance. This emphasizes the need for careful planning and operational control of such flexible systems. (17 Refs)

Subfile: B

Descriptors: antenna arrays; military systems; repeaters; satellite relay systems

Identifiers: satellite communications systems; nonlinear satellite repeater; adaptive resource allocation; hybrid systems architectures; international command and control functions; network traffic capacity; military systems; reconfigurable multiple beam antenna

Class Codes: B6250G (Satellite relay systems); B7930 (Military communications)

15/5/15 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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01603467 INSPEC Abstract Number: C80034905

Title: Computer speeds burgeoning East-West rail traffic

Author(s): Perei, J.

Journal: International Business Equipment vol.17, no.5 p.9, 12

Publication Date: Sept. 1980 Country of Publication: Belgium

CODEN: IBSEBU ISSN: 0377-9106

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Discusses a real time traffic management computer system which will be implemented by MAV (Hungarian Railways). The Hungarian Railway **network** links East-West rail **traffic**, and the need for closer **monitoring** and control of traffic movements across Hungary's borders stems from an enormous upsurge in freight traffic, particularly transit traffic. Freight car rentals from western railway operators have jumped up. The prime purpose of the new system is to minimise delays to western freight cars as they cross the country. The system will be a tracing and record-keeping system, and will form part of an interline **account** and clearing system. (0 Refs)

Subfile: C

Descriptors: railways; traffic computer control

Identifiers: MAV; Hungarian Railway network; monitoring; control; traffic movements; freight traffic; transit traffic; western railway operators; East West rail traffic; real time traffic management computer system; Hungarian border; freight car rental

Class Codes: C3360D (Rail-traffic systems); C7420 (Control engineering)

15/5/16 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

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00638955 INSPEC Abstract Number: B74020000

Title: On the statistical conditions by which connecting networks have to work within an automatic exchange

Author(s): Dirlwanger, W.

Author Affiliation: Univ. Erlangen-Nurnberg, West Germany

Journal: Nachrichtentechnische Zeitschrift vol.27, no.3 p.87-92

Publication Date: March 1974 Country of Publication: West Germany

CODEN: NAZEAA ISSN: 0027-707X

Language: German Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: Two common assumptions in the design of connecting networks of an automatic **exchange** are, firstly: often the **traffic** flows arriving on the connecting **networks** are assumed to be pure chance traffic; secondly: calls which are successful in a considered connecting network might be lost, in certain circumstances on their further way through the exchange, but these blockings are not usually taken into **account**. Using a mathematical model of exchanges having the characteristics (a) loss system, (b) only single stage connecting networks, (c) no conjugate selection over two or more connecting networks the author shows that statistical conditions by which connecting networks have to work within the exchange are not met by the two assumptions mentioned. Mathematical formulae are derived by which the real conditions of the exchange are described. One formula gives an exact description of the smoothed traffic flows which appear in the exchange. (7 Refs)

Subfile: B

Descriptors: automatic telephone systems; switching networks; switching theory; telephone exchanges

Identifiers: statistical conditions; connecting networks; automatic exchange; mathematical model; smoothed traffic flows

Class Codes: B6150 (Communication switching theory); B6230 (Switching centres and equipment)

15/5/17 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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00197625 INSPEC Abstract Number: B70038785, C70021770

Title: On a traffic simulation problem of the switching network for a common control exchange

Author(s): Dartois, J.P.

Journal: Commutation et Electronique no.30 p.36-45

Publication Date: July 1970 **Country of Publication:** France

CODEN: CELCAB **ISSN:** 0010-3926

Language: French **Document Type:** Journal Paper (JP)

Abstract: This network, developed as a part of the studies for the Pericles system, is characterized by the fact that the paths used for carrying speech cannot be differentiated from those used for preselection or during the signalling phase. For simulation one has to take account of the fact that the setting of a call requires a series of changes of the path in the network. The simulation method dealt with is a generalisation of the Kosten initial model and is based on the assumption of a negative exponential distribution law for the duration of the calls as well as for the duration of dialling and signalling. For each type of calls the setting process is given and the random event generator is fully described.

Subfile: B C

Descriptors: simulation; telephone exchanges; telephone switching equipment; telephony

Class Codes: B6230D (Other telephone exchanges); C3370C (Telephony)

15/5/18 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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00139859 INSPEC Abstract Number: B70021834

Title: On a telephone traffic model with repeated calls

Author(s): Le Gall, P.

Journal: Commutation et Electronique no.28 p.66-88

Publication Date: Jan. 1970 **Country of Publication:** France

CODEN: CELCAB **ISSN:** 0010-3926

Language: French **Document Type:** Journal Paper (JP)

Abstract: With regard to observations made over the PTT telephone network and over the international traffic, a new traffic theory takes into account the phenomenon of repetition of calls. Results given, are in complete accordance with experiment. Finally, it is shown that the use of this new traffic model would have consequences for the volume of equipment, traffic monitoring, the planification of networks and economic studies of the relation between subscribers and network.

Subfile: B

Descriptors: modelling; telephone traffic recording

Class Codes: B6220 (Stations and equipment)

15/5/19 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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PERFORMANCE EVALUATION OF TWO-HOP SYSTEMS IN LOCAL AREA NETWORKS

Author: NIKTASH, MORTEZA

Degree: PH.D.

Year: 1985

Corporate Source/Institution: CARLETON UNIVERSITY (CANADA) (0040)

Source: VOLUME 47/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 283.

Descriptors: COMPUTER SCIENCE

Descriptor Codes: 0984

Two-Hop Local Area Networks (LAN) extend data transmission services over larger geographic areas than those covered by single hop LANs. In such **networks**, the **traffic generated** by user terminals is relayed first to intermediate stations (controllers) each of which acts as a store-and-forward node and directs the collected traffic to the central station. Examples of such networks are two-hop centralized packet radio and two-hop CATV systems. Analysis of the two-hop LAN models is complicated, particularly when a sophisticated channel access protocol is used and the buffer capacity of each controller is greater than one message. In such cases, the number of system states increases rapidly as the system size grows.

This thesis presents analytical techniques for the evaluation of the performance of a number of CSMA CD/CSMA CD two-hop configurations. The approach presented is based on decoupling the outer loops from the inner loops and analyze them separately, taking into **account** their interdependence. Two major contributions are achieved. The first is the development of an analytical approach for examining the impact of the performance of the inner loop on that of the outer loops. As a second contribution, we have considered a number of two-hop centralized packet radio networks and a two-hop CATV network, in which the outer-loops and the inner-loop employ the CSMA CD protocol 74. Numerical as well as simulation results are presented to illustrate the performance of these networks in terms of throughput and average delay. For controller buffer capacity greater than one message, results of the analytical model are shown to agree closely with the results of associated simulation runs.

15/5/20 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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09379771

Five banks in Taiwan allowed to offer onlineforex banking

TAIWAN: 5 BANKS TO PROVIDE ONLINE FOREX SERVICE

The Taiwan Economic News (AMH) 09 Oct 2000 Online

Language: ENGLISH

In Taiwan, approval has been secured by five banks to conduct foreign exchange operations on the Internet. Consented by the Taiwanese central bank, the five banks are allowed to process online transfer worth up to NT\$ 500,000 into overseas currencies on one **trading** day. The transfers via **Internet** are applicable to **clients** who are making the conversions between their **accounts** at a same bank only. Meanwhile, there is no cap on the maximum amount of foreign currencies that can be converted into other overseas currencies. The five banks are <US-based> Citibank, E Sun Bank, Fubon Commercial Bank, Bank SinoPac and First Commercial Bank.

COMPANY: FIRST COMMERCIAL BANK; BANK SINOPAC; FUBON COMMERCIAL BANK; E SUN BANK; CITIBANK; INTERNET

PRODUCT: Retail Banking Services (6006); Clearing Banks (6010CB); Commercial Banks (6020);

EVENT: Product Design & Development (33); Marketing Procedures (24);

COUNTRY: Taiwan (9TAI);

15/5/21 (Item 2 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

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09263482

ISPs condemn expensive 'spy tax' proposal

EUROPE: LEGISLATION MAY PLACE BURDEN ON ISPS

Total Telecom (TOT) 21 Mar 2000 online

Language: ENGLISH

European legislation relating to the interception of electronic communications may place substantial financial burdens upon Internet service providers (ISPs), experts believe. The UK Internet Service Providers Association (ISPA) claims that many ISPs will not be able to support the additional costs of state **monitoring of Internet traffic**. Although the facilities demanded of ISPs have not yet been laid out, plans across Europe may require them to install new equipment and infrastructure costing as much as GBt 500mn. The UK government, the first to introduce a Regulation of Investigatory Powers Bill, suggests that interception may be at a rate of one per 500 incoming phone lines.

PRODUCT: Economic Programmes (9108); Database Vendors (7375);

EVENT: Company Reports & **Accounts** (83); Government Regulations (93);

COUNTRY: European Community (4EC);

15/5/22 (Item 3 from file: 583)

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09250994

Lehman Brothers goes online in Asia with Thai Web site

THAILAND: NEW WEBSITE UNVEILED BY LEHMANS

The Asian Wall Street Journal (ANQ) 13 Mar 2000 p.14

Language: ENGLISH

Through its finance unit in Thailand, Lehman Brothers Inc of US (Lehman), has unveiled a new website in Thailand which will provide home loans and savings to consumers in Thailand. The finance unit of Lehman in Thailand is Global Thai Finance & Securities Ltd. According to Mr Brian Prince, director of principal transactions in Asia for Lehman, said that by the end of 2000 the website will be upgraded with facilities like personal loans, credit cards, automobile loans and stock **trading**. **Surfers** can access the **website** at, www.globalthai.com.

COMPANY: GLOBAL THAI FINANCE & SECURITIES; LEHMAN BROTHERS

PRODUCT: Commercial Banks (6020); Consumer Finance Institutions (6140);

Nonbank Credit Card Firms (6141); Capital & Loanable Funds (E5630);

Securities & Commodities Exchanges (6230); Securities Dealers (6211);

Debt & Equity Securities (E5640); Savings **Account** Services (6001);

EVENT: Product Design & Development (33); Planning & Information (22);

COUNTRY: Thailand (9THA); United States (1USA);

15/5/23 (Item 4 from file: 583)

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09148330

Informatique : Continental Leasing/
FRANCE: CONTINENTAL LEASING IS DOING FINE
Les Echos (LE) 24 Aug 1999 p.18
Language: FRENCH

Continental Leasing bets that rental will **account** for 60% of the computer equipment in companies in 2002, compared to 20-25% today. The French computer rental group is taking advantage of its services offer (a new tool helps detect obsolete equipment while an **Internet** site helps **clients monitor** their computers and performance) and its stronger presence in the provinces. The company improved its sales margin at FFr 17mn in the first six months of 1999 (FFr 7mn in the same year-earlier period) while the turnover surged 83% at FFr 190mn. Contracts with large groups which Continental Leasing handles directly, accounted for 50% of the FFr 315mn turnover it posted in 1998. Though, the small and medium companies **account** for 85% of the total clientele of 200,000. The group manages FFr 800mn in computers, screens, printers, network equipment, etc. It operates through a network of 1,200 computer distributors in France.

COMPANY: CONTINENTAL LEASING
PRODUCT: Computers & Auxiliary Equip (3573);
EVENT: Company Reports & **Accounts** (83);
COUNTRY: France (4FRA);

15/5/24 (Item 5 from file: 583)
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09064424
Financial giants caught out by net
US: WILL MAJOR BROKERS ADOPT THE INTERNET?
Financial Times (FT) 24 Feb 1999 p.33
Language: ENGLISH

According to Gomez Advisors, in the past twelve months, internet retail share trading **accounts** have risen 100% to reach 7.8mn. 66% of trading by Charles Schwab is conducted online. Goldman Sachs is currently contemplating its internet options and seems likely to develop this via a joint venture. However, Salomon Smith Barney has no plans at the moment to offer **trading** via the **internet** and says its **clients** are more interested in features such as real-time stock quotes. Merrill Lynch has no internet trading **accounts** but plans to offer it to 55,000 current brokerage **accounts** by 15 March 1999. Paine Webber plans to offer internet options to some current brokerage **accounts** by the end of the second quarter. Most brokerages intend to offer **internet trading** to current **clients** not as a separate service but a part of a package which includes advice. Morgan Stanley analyst Henry Mcvey feels that in order to boost their brand, brokers will have to adopt the internet, even although it will mean they lose out from lower fees.
(c) Financial Times 1999

COMPANY: CHARLES SCHWAB; MORGAN STANLEY; PAINE WEBBER; SALOMON SMITH
BARNEY; GOMEZ ADVISORS; GOLDMAN SACHS; MERRILL LYNCH

PRODUCT: Securities & Commodities Exchanges (6230); Securities Dealers (6211); Debt & Equity Securities (E5640); Commercial Banks (6020); Banking Institutions (6010);
EVENT: General Management Services (26); Marketing Procedures (24);
COUNTRY: United States (1USA);

15/5/25 (Item 6 from file: 583)

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06525467

Tracker merger talks called off

UK: NO MERGER FOR TRACKER AND TRAFFICMASTER

Fleet News (FTN) 26 Sep 1997 p.8

Language: ENGLISH

Disagreement over acceptable terms for each other's shareholders has resulted in the failure of merger talks between Tracker, the stolen vehicle **tracking** company, and Trafficmaster, the **traffic** information **network** operator. Meanwhile, **Tracker** has reported continued growth, with a profit in the first half to 30 June 1997 versus a loss a year earlier. Table: Tracker Figures in GBt mn Current Previous/Change Turnover
6.87 5.02 36.85% Pre-tax Profits 0.451 (0.164)

COMPANY: TRAFFICMASTER; TRACKER

PRODUCT: Motor Vehicles & Parts (3710); Computers & Auxiliary Equip (3573); Navigation Systems (3662NS);

EVENT: Acquisitions & Mergers (15); Company Reports & **Accounts** (83);

COUNTRY: United Kingdom (4UK);

15/5/26 (Item 7 from file: 583)

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06469670

CISCO PUSHING ITS USER BASE TOWARDS NETFLOW

SINGAPORE: NETFLOW SWITCHING TARGETED BY CISCO

Asia Computer Weekly (XCF) 18 May 1997 P.12

Language: ENGLISH

Netflow switching technology is targeted by Cisco Systems in Asia. It permits Cisco's routers to merge network-layer switching with network services connection and offers security, service quality and traffic data. With netflow switching, service providers can shift away from flat-rate billing and avoid major network **account** usage. Service providers can also supervise IP packets and efficiently organise their networks. Netflow switching is presently utilised for four major applications which include **network** planning, **network** monitoring, marketing and **client** service, and billing/accounting.

COMPANY: CISCO SYSTEMS

PRODUCT: Computers & Auxiliary Equip (3573);

EVENT: Planning & Information (22);

COUNTRY: Singapore (9SIN);

15/5/27 (Item 8 from file: 583)

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06180482

NEW PLAYER IN TELECOMS WAR

AUSTRALIA: NETWORK EXCHANGE MERGE WITH CORPTEL
Australia Financial Review (AFR) 17 Jul 1995 P. 9
Language: ENGLISH

The merger between corpTEL & Network Exchange has created an influential & powerful new player in the telecommunications service market. The marriage has threatened to 'dilute' the other service providers' market share. Besides this, the new venture is set to become a carrier in 24 months' time when the market opens to competition. The new entity will offer network management facilities cum billing. The wholly Australian owned & controlled entity intends to install switches nation-wide in the next few months so as to transform itself into a de facto carrier. The venture is eyeing the corporate sector, where there is a high demand for lowering communications costs. Moreover, large & medium firms are increasingly keen to outsource their telecommunications accounts. With the marriage, corpTEL will assume control of Network Exchange's client base. And their combined billing revenue has already surpassed AU\$ 140 mn. The company believed that the turnover could hit some AU\$ 200 mn by December 1995.
COMPANY: NETWORK EXCHANGE; CORPTEL

PRODUCT: Telephone Communications (4811);
EVENT: Acquisitions & Mergers (15);
COUNTRY: Australia (9AUS);

15/5/28 (Item 9 from file: 583)
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04876208
French railways plans TGV fast truck link
FRANCE - SNCF PLANNING TGV TRUCK SERVICE
International Freightening Weekly (IFW) 3 February 1992 p3
ISSN: 0032-5007

SNCF Fret (France) has announced an ambitious bimodal programme to transfer trucks from road onto rail. This follows claims from motorway concessionaires that the main Paris-Lille-Marseille artery of France's road network will reach saturation point in the next 3-5 years. The N-S TGV-Truck service planned by SNCF would handle up to 30k hgvs/d, and a 2-way, 800 km Lille-Paris-Marseille stretch would require an estimated investment of FF45 bil. Building new track and adapting the existing freight traffic network would account for most of this investment, with priority being given to the route between Paris and Dijon, France, where 2-way sections of track would be built. According to SNCF, the French state railway, TGV-Truck would save up to FF1 bil/y on motorway maintenance costs. However FNTR, the road haulage association, says that the SNCF Fret proposal goes against the real bimodal development it is committed to with SNCF. The project is still at the proposal stage and will not be carried out before the beginning of the 21st century.**
COMPANY: SNCF; SNCF FRET

PRODUCT: Rail Freight Transport (4012);
EVENT: NEW SERVICE EXTENSION (36); PHYSICAL DISTRIBUTION ACTIVITIES (69);
COUNTRY: France (4FRA); Northern Europe (414); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

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Set	Items	Description
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S1	250	EXIT()TRAFFIC?
S2	3	S1(5N)(TRACK? OR MONITOR? OR ASSESS? OR WATCH)
S3	3	RD (unique items)
S4	259844	(DEBIT? OR CHARGE? OR PAYMENT?) (5N) (ACCOUNT OR ACCOUNTS)
S5	1	S1 AND S4

Considered

3/3,K/1 (Item 1 from file: 63)
DIALOG(R)File 63:Transport Res(TRIS)
(c) fmt only 2005 Dialog Corp. All rts. reserv.

00757051 DA
**TITLE: BEHAVIOURAL ASPECTS OF AUTOMATIC VEHICLE GUIDANCE (AVG); LEAVING THE
AUTOMATED LANE**
AUTHOR(S): DE VOS, AP; HOEKSTRA, W
CORPORATE SOURCE: TNO HUMAN FACTORS RESEARCH INSTITUTE TM, P O BOX 23,
SOESTERBERG , 3769 ZG, NETHERLANDS
Issue Number: TM-97-C010 Pag: 36P
PUBLICATION DATE: 19970312 PUBLICATION YEAR: 1997
LANGUAGE: ENGLISH SUBFILE: IRRD (I)
IRRD DOCUMENT NUMBER: 491598
REFERENCES: 17
DATA SOURCE: Transport Research Laboratory (TRL)

DESCRIPTORS: DRIVING (VEH); SIMULATION; INTELLIGENT TRANSPORT SYSTEM;
AUTOMATIC; DRIVER; SPEED; COMFORT; HEADWAY; TRAFFIC LANE; **EXIT** ;
TRAFFIC FLOW ; EVALUATION (**ASSESSMENT**); BEHAVIOUR; SAFETY; CONTROL

3/3,K/2 (Item 1 from file: 194)
DIALOG(R)File 194:FBODaily
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2336693
UNARMED GUARD SERVICE
Sol DTFAl4-89-B-32871 BOD, 09-25-89 POC 312-694-7185 at the Indianapolis,
Indiana Air Route Traffic Control Center (ARTOC). The work consists of
monitoring and controlling entrance and **exit traffic** , patrolling, and
protecting government property. This work is required on a 24 hour, 7 day a
week basis. The issue date is Aug. 26, 1989, BOD is Sept. 24, 1989 at 2
p.m. local time. The bid range is \$25,000 - \$100,000. (221)

SPONSOR: FAA, 2300 East Devon Ave., AGL-55C, Des Plaines, IL 60018
PUBLICATION DATE: AUGUST 11, 1989
ISSUE: PSA-9903

... 7185 at the Indianapolis, Indiana Air Route Traffic Control Center
(ARTOC). The work consists of **monitoring** and controlling entrance and
exit traffic , patrolling, and protecting government property. This work
is required on a 24 hour, 7 day...

3/3,K/3 (Item 1 from file: 494)
DIALOG(R)File 494:St LouisPost-Dispatch
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07106183
CHANGES AT INDY MADE TO BENEFIT DRIVERS, FANS
St. Louis Post Dispatch (SL) - FRIDAY, April 16, 1993
By: John Sonderegger
Edition: FIVE STAR Section: SPORTS Page: 06D
Word Count: 1,041

... keep the fast traffic in the corners separated from the slower traffic,
as all pit **exit traffic** now will enter the **track** at the exit of the
second turn. Drivers entering the pits will have three options...

5/3,K/1 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00467838

PARTIALLY USER-DEFINED COMPUTER TRANSPORTATION SYSTEM

SYSTEME DE TRANSPORT INFORMATISE DEFINI PARTIELLEMENT PAR L'UTILISATEUR

Patent Applicant/Assignee:

DSX INTERNATIONAL INC,

STUKEL David S,

MALICK Doug H,

Inventor(s):

STUKEL David S,

MALICK Doug H,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9858303 A2 19981223

Application: WO 98US13063 19980616 (PCT/WO US9813063)

Priority Application: US 97899485 19970617

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA CN JP MX AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Fulltext Word Count: 59765

Fulltext Availability:

Detailed Description

Detailed Description

...can select are as follows: A Daily Scheduler Button 264 for returning
to FIG. 5; **Exit TrafficCop** Button 266 to end running of Computer
Program 26; Police Box Button 268 for reporting...Computer System 55
defaults to the current client record in Field 617 because most client
charges are for the client's **account** . However, the present screen FIG.
40 allows the user

?